

WHAT IS CLAIMED IS:

1. An electrophotographic toner comprising:
a fixing resin; and
a colorant;
5 wherein said electrophotographic toner is a black toner
using a titanium compound containing no carbon black as said
colorant.
2. The electrophotographic toner according to Claim 1,
10 wherein said titanium compound is selected from the group
consisting of titanium oxide, and titanium iron oxide.
3. The electrophotographic toner according to Claim 1,
wherein said titanium compound exhibits oil absorption
15 of not higher than 80 ml/100 g and has a BET specific surface
area of not larger than 100 m²/g.
4. The electrophotographic toner according to Claim 3,
wherein said titanium compound is titanium oxide obtained by
20 reduction of titanium dioxide.
5. The electrophotographic toner according to Claim 2,
wherein said titanium oxide is titanium oxide obtained by heating
a mixture of titanium dioxide and metallic titanium in a vacuum.

25

6. The electrophotographic toner according to Claim 1,
wherein said toner is a two-component toner using a magnetic
carrier.

5 7. The electrophotographic toner comprising:
a fixing resin; and
a colorant;
wherein said electrophotographic toner is an
electrophotographic two-component black toner using magnetic
10 iron oxide containing no carbon black as said colorant.

8. The electrophotographic toner according to Claim 1,
wherein said toner contains titanium dioxide as an external
additive.

15

9. The electrophotographic toner according to Claim 7,
wherein said toner contains titanium dioxide as an external
additive.

20 10. The electrophotographic toner according to Claim 1,
wherein the maximum of absorption peaks in a heat-up time
absorption calorie curve in a DSC curve of said toner measured
by a differential scanning calorimeter is in a range of from
50°C to 120°C.

25

11. The electrophotographic toner according to Claim 7,
wherein the maximum of absorption peaks in a heat-up time
absorption calorie curve in a DSC curve of said toner measured
by a differential scanning calorimeter is in a range of from
5 50°C to 120°C.

12. An image-forming system comprising:
an electrostatic charge holding member;
a developing portion using an electrophotographic toner
10 for actualizing an electrostatic charge latent image formed
on said electrostatic charge holding member;
a transfer portion for transferring the actualized toner
image onto a recording medium;
a cleaning portion for cleaning up the toner image
15 remaining on said electrostatic charge holding member; and
a fixing portion for fixing the toner image transferred
onto said recording medium;
wherein said electrophotographic toner comprises: a
fixing resin, and a colorant; and
20 said electrophotographic toner is a black toner using
a titanium compound containing no carbon black as said colorant.

13. The image-forming system according to Claim 12,
wherein said developing portion includes center feed type
25 developing magnetic rolls which includes developing magnetic

rolls rotating in a forward direction and developing magnetic rolls rotating in a backward direction with respect to a direction of movement of said electrostatic charge holding member.

5

14. An image-forming system comprising:

an electrostatic charge holding member;

a developing portion using an electrophotographic toner for actualizing an electrostatic charge latent image formed

10 on said electrostatic charge holding member;

a transfer portion for transferring the actualized toner image onto a recording medium;

a cleaning portion for cleaning up the toner image remaining on said electrostatic charge holding member; and

15 a fixing portion for fixing the toner image transferred onto said recording medium;

wherein said electrophotographic toner comprises: a fixing resin, and a colorant; and

said electrophotographic toner is an electrophotographic two-component black toner using magnetic iron oxide containing
20 no carbon black as said colorant.

15. The image-forming system according to Claim 14,

wherein said developing portion includes center feed type
25 developing magnetic rolls which includes developing magnetic

rolls rotating in a forward direction and developing magnetic
rolls rotating in a backward direction with respect to a
direction of movement of said electrostatic charge holding
member.